Index of Claims

| Application/Control No. | Ap | plicati | on/C | ontr | ol No | ١. |
|-------------------------|----|---------|------|------|-------|----|
|-------------------------|----|---------|------|------|-------|----|

Applicant(s)/Patent under Reexamination

10/568,010

Examiner

BOYLE, KEVIN R. Art Unit

Shih-Chao Chen

2821

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ę | Restricted                     |

| 1 | N | Non-Elected  |
|---|---|--------------|
|   | ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |                                  | _            |          |          |          |          |          | ,        |          |              |    |
|----------|----------------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|--------------|----|
| Cla      | im                               | Ī            |          |          |          | Date     | •        |          | _        |              |    |
| Final    | Original                         | 2/7/07       |          |          |          |          |          |          |          |              |    |
|          | 1                                | V            |          | П        |          |          |          |          |          |              | ľ  |
|          | 1<br>2<br>3<br>4<br>5            | ><br>><br>>  |          |          |          |          |          |          |          |              |    |
|          | 3                                | ٧            |          |          |          |          |          |          |          |              |    |
|          | 4                                | V<br>V       |          |          |          |          |          |          |          |              |    |
|          | 5                                | ٧            |          |          | $\Box$   |          |          |          |          |              |    |
|          | 6                                | ٧            | <u> </u> |          |          |          |          |          |          |              |    |
|          | 7                                | ><br>><br>>  | _        | _        |          |          |          |          |          |              | 2  |
|          | 8                                | V.           | _        |          |          | _        | _        |          |          |              | Š  |
|          | 9                                | V            |          |          |          |          |          |          |          | <u> </u>     |    |
|          | 10                               | V            | _        |          | -        |          |          | $\vdash$ | _        | $\vdash$     |    |
| -        | 12                               | -            |          | -        | -        | _        |          | -        |          |              | ľ  |
|          | 11<br>12<br>13<br>14<br>15<br>16 | -            | -        | _        | _        | $\vdash$ | -        |          | -        |              |    |
|          | 14                               |              | -        | -        |          |          | _        |          | _        | $\vdash$     |    |
|          | 15                               |              | _        | _        | -        |          | -        |          |          |              |    |
|          | 16                               | _            |          |          |          |          |          |          |          |              | ١  |
|          | 17                               |              |          |          | Г        | П        |          |          |          |              |    |
|          | 18                               |              |          |          |          |          |          |          |          | Г            |    |
|          | 18<br>19                         | Г            |          |          |          |          |          | П        |          |              |    |
|          | 20                               |              |          |          |          |          |          |          |          |              | ١. |
|          | 21                               |              |          |          |          |          |          |          |          |              | ŀ  |
|          | 21<br>22                         |              |          |          |          |          |          |          |          |              |    |
|          | 23                               |              |          |          |          |          |          |          | ·        |              |    |
|          | 24<br>25                         | <u> </u>     | _        | _        |          | L        | _        |          |          | _            | l  |
| <u></u>  | 25                               | ╙            | <u> </u> | _        | _        | _        | <u> </u> |          |          | <u> </u>     |    |
| ļ        | 26<br>27                         | ├-           | <u> </u> | ļ        | <u> </u> | <u> </u> | $\vdash$ |          |          | <u> </u>     | l  |
|          | 27                               | ├—           | ⊢        | ⊢        | i—       | <u> </u> | <u> </u> | -        | <u> </u> | -            | 1  |
| <u> </u> | 28<br>29                         | ⊢            | ⊢        | ⊢        |          | ├—       | $\vdash$ |          | ⊢        | ┝            | l  |
| <u> </u> | 30                               | ├            | -        | ⊢        | H        | ┝        | $\vdash$ |          | $\vdash$ | $\vdash$     | 1  |
|          | 31                               | ┢            | ├        | ┝        |          | ┢        | $\vdash$ |          | ┢        | $\vdash$     | 1  |
| <u> </u> | 32                               | ┢            | $\vdash$ | $\vdash$ | ┝        | ┢        | ┝        | -        | ┢        | <del> </del> | l  |
|          | 32<br>33                         | H            | $\vdash$ | ┢        | $\vdash$ | $\vdash$ | Ι.       |          | $\vdash$ | $\vdash$     |    |
|          | 34                               | Т            | _        | ┢        |          | Г        |          |          |          | $\vdash$     | ١  |
|          | 35                               | T            |          |          |          |          |          |          | Г        | $\Box$       | 1  |
|          | 36                               |              |          |          |          |          |          |          |          |              | 1  |
|          | 37                               |              |          |          |          |          |          |          |          |              |    |
|          | 38<br>39                         |              |          |          |          |          |          |          |          |              |    |
|          | 39                               |              |          |          |          |          | L.       |          | L        |              |    |
|          | 40                               | L            | <u> </u> | <u></u>  | <u> </u> |          |          |          | _        | <u> </u>     | l  |
| <u> </u> | 41                               | _            | _        | _        | <u> </u> | _        | _        | _        | _        | _            | l  |
| <u> </u> | 42                               | <del> </del> | <u> </u> | <u> </u> | <u> </u> |          | <u> </u> | _        | $\vdash$ | $\vdash$     |    |
| ├─       | 43                               | -            | -        | -        | $\vdash$ | <b>—</b> | $\vdash$ | -        | $\vdash$ | $\vdash$     | l  |
|          | 44<br>45                         | -            | ├-       | ├-       | ├-       | ├        | $\vdash$ | ⊢        | ├—       | $\vdash$     | l  |
| $\vdash$ | 46                               | -            | ⊢        | ├        | $\vdash$ | $\vdash$ | $\vdash$ | -        | $\vdash$ | $\vdash$     | ł  |
| <u> </u> | 46                               | -            | -        | -        | ⊢        | ├-       | ├        | ⊢        | $\vdash$ | ┝            | ł  |
| <u> </u> | 48                               | -            | -        | ┢        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | ├-           | ł  |
| -        | 49                               | $\vdash$     | ╁        | -        | -        | -        | $\vdash$ | ├─       | $\vdash$ | $\vdash$     | 1  |
| _        | 50                               | $\vdash$     | -        | $\vdash$ | $\vdash$ | $\vdash$ | ┢        | $\vdash$ | $\vdash$ | $\vdash$     | l  |
| I        | , 50                             | ı            |          | 1        | 1        |          |          |          |          |              | 1  |

| 1 | Cla  | im             |          |          |  |          | ate          | <del></del> |          |          |              |
|---|--|----------------|----------|----------|--|----------|--------------|-------------|----------|----------|--------------|
|   |  |                |          |          |  |          |              |             |          |          |              |
|   | <del></del>                                      | Original       |          |          |  |          |              |             |          |          |              |
| 1 | Final  | <u>.</u> 6     |          |          |  |          | 1            |             |          |          |              |
|   | ╙╵   | ō              |          |          |  |          |              |             |          |          |              |
|   |  |                |          |          |  |          |              |             |          |          |              |
|   |  | 51<br>52<br>53 |          |          |  |          |              |             |          |          |              |
|   |  | 52             |          |          |  |          |              |             |          |          |              |
|   |  | 53             |          |          |  |          |              |             |          |          |              |
|   |  | 54             |          |          |  |          |              |             |          |          |              |
|   |  | 54<br>55       | -        |          | -  |          |              | -           | $\vdash$ | $\vdash$ |              |
|   |  | 55             | _        |          | _  | _        |              | -           |          | -        |              |
|   |  | 56             | _        |          | _  |          |              | _           |          |          |              |
|   |  | 57             |          |          |  |          |              |             |          |          |              |
|   |  | 58             |          |          |  |          |              |             |          |          |              |
|   |  | 59             |          |          |  |          |              |             |          |          |              |
| ì |  | 60             |          |          |  |          |              |             |          |          |              |
|   |  | 61             |          |          | _  |          | П            | -           |          | T        | _            |
|   |  | 62             |          | $\vdash$ | $\vdash$   | $\vdash$ | $\dashv$     | $\vdash$    | -        |          | Н            |
|   |  | 62<br>63       |          | -        | $\vdash$   | $\vdash$ | <u> </u>     | $\vdash$    | $\vdash$ |          | H            |
|   |  | 03             | Щ        | Щ        | L  | Ш.       | ш.           |             |          |          | L.,          |
|   |  | 64             |          |          |  |          |              |             |          |          |              |
|   |  | 65             |          |          |  | Ll       |              |             |          |          |              |
|   |  | 66             |          |          |  |          |              |             |          |          |              |
|   |  | 67             |          |          |  |          |              |             |          |          |              |
|   |  | 68             | $\vdash$ |          | _  |          |              |             |          |          |              |
|   |  | 69             | H        | _        | -  | -        |              |             | _        |          | _            |
|   |  | 09             | _        | _        | $\vdash$   |          |              | -           |          | _        |              |
|   |  | 70             | _        | Щ        | $\perp$  | _        |              |             | _        |          |              |
| - |  | 71             |          |          |  |          |              |             |          |          |              |
|   |  | 72             |          |          |  |          |              |             |          |          |              |
|   |  | 73             |          |          |  |          |              |             |          |          |              |
|   |  | 73<br>74       |          |          |  |          |              |             |          | _        |              |
|   | _  | 75             | -        | _        | $\vdash$   |          |              |             | $\vdash$ | _        | $\vdash$     |
|   | _  | 76             | $\vdash$ | -        | ┝  | $\vdash$ |              |             | -        |          |              |
|   | _  | 76<br>77       | _        | _        | -  | _        |              |             | $\vdash$ |          |              |
|   |  | 77             |          | _        | _  | L.       |              | _           | _        | _        |              |
|   |  | 78             |          |          | _  |          |              |             | _        | Ш        |              |
|   |  | 79             |          |          |  |          |              |             |          |          |              |
| F |  | 80             |          |          |  |          |              |             |          |          |              |
|   |  | 81             |          |          |  |          |              | L           |          |          |              |
|   |  | 82             | П        |          | Г  | т        |              |             |          |          | П            |
|   | -  | 82<br>83       | -        | Н        | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$    | -        | -        |              |
|   |  | 03             | $\vdash$ | -        | -  | -        | H            | $\vdash$    | $\vdash$ | H        | _            |
|   |  | 84             | Щ        | <u> </u> |  | -        | <b> </b>     | ⊨           | <u> </u> | H        | -            |
|   |  | 85             | Щ        | Ш        | L  | $\vdash$ |              | L.          | <u> </u> | <u> </u> | <u> </u>     |
| · |  | 86             |          | <u></u>  | <u> </u>   |          | $oxed{oxed}$ | Ш           | L_       | <u> </u> |              |
|   |  | 87             |          |          | L  |          |              | L           | L        | L        | L            |
|   |  | 87<br>88       |          |          |  |          |              |             |          |          | _            |
| ĺ |  | 89             | $\vdash$ |          |  | <u> </u> | Г            | Г           |          | Г        |              |
|   |  | 90             | $\vdash$ | $\vdash$ | <del>                                     </del> | _        | $\vdash$     | $\vdash$    | _        | $\vdash$ | $\vdash$     |
|   | <b></b>  | 91             | $\vdash$ |          | $\vdash$   | $\vdash$ | $\vdash$     | Н           | $\vdash$ | $\vdash$ | $\vdash$     |
|   | <u> </u>   |                | $\vdash$ |          | -  | $\vdash$ | $\vdash$     | -           | <u> </u> | $\vdash$ | $\vdash$     |
|   | <u> </u>   | 92             | $\vdash$ | Н        | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$    | <u> </u> | <u> </u> | -            |
| i |  | 93             |          |          | <u> </u>   | <u> </u> | L            | Щ           | L        | <u> </u> | <u> </u>     |
|   |  | 94             |          |          | L  |          | L.           |             | L        | L        | $oxed{oxed}$ |
| i |  | 95             |          |          |  |          |              |             |          |          |              |
|   |  | 96             |          |          | <u> </u>   |          |              |             |          |          | Г            |
|   |  | 97             |          |          | <b></b> -  |          | -            | _           | $\vdash$ | Ι        | $\vdash$     |
|   | <del>                                     </del> | 98             | $\vdash$ | $\vdash$ | -  | $\vdash$ | $\vdash$     | $\vdash$    | -        | $\vdash$ | $\vdash$     |
|   | <b></b>  |                | $\vdash$ | Н        | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$    | -        | $\vdash$ | -            |
|   | ļ  | 99             | _        | L        | <u> </u>   | <u> </u> | <u> </u>     | _           | ├_       | <u> </u> | _            |
|   | L  | 100            |          |          | L  | <u></u>  | L            |             |          |          |              |

| Cla   | aim               |          |  |  |          | Date         | 3  |          |          |          |
|---|-------------------|----------|--|--|----------|--------------|--|----------|----------|----------|
|   |                   |          |  |  |          |              |  |          |          |          |
| ਜ਼  | Original          |          |  |  |          |              |  |          |          |          |
| Final   | iĝi               |          |  |  |          |              |  |          |          | l        |
|   | ō                 |          |  |  |          |              |  |          |          |          |
| -   | 101               | -        | _  | Н  | _        |              | -  | -        | $\vdash$ | Н        |
|   | 102               | _        | _  | -  | _        | -            | -  | _        |          | $\dashv$ |
| <u> </u>  | 103               | _        | _  |  |          |              | -  | _        | _        | Н        |
|   | 103               | _        |  | -  |          | -            | _  |          |          | $\vdash$ |
|   | 104<br>105        | -        | -  |  | _        |              |  | _        | _        | $\vdash$ |
|   | 105               |          |  | _  |          | _            | _  |          |          | $\dashv$ |
|   |                   |          |  |  | -        |              |  |          | _        | $\dashv$ |
| <del>-</del>  | 107               | -        | _  | _  | _        | _            | _  |          | _        | $\dashv$ |
| <u> </u>  | 108               |          |  |  |          | _            | _  |          |          | -        |
|   | 109               | $\vdash$ | _  |  | _        | _            | _  |          | -        |          |
|   | 110               | _        |  |  | _        | _            |  |          |          |          |
| <u> </u>  | 111               | _        |  |  |          |              |  |          | _        | _        |
| <u> </u>  | 112               | L.       | <u> </u>   | $\vdash$   |          | <u> </u>     |  |          | <u> </u> | $\vdash$ |
|   | 113               | $\vdash$ | _  |  | ļ        | _            |  |          | <u> </u> | $\sqcup$ |
| L   | 114               | $\vdash$ | Ш  | Щ  | L.       | _            | Ш  |          |          | Ш        |
| L   | 115               |          |  |  | _        |              |  |          | <u> </u> | Щ        |
|   | 116<br>117        | _        |  |  |          | $oxed{oxed}$ |  |          |          |          |
| $ldsymbol{le}}}}}}$ | 117               | <u> </u> | L  | Ш  |          | <u> </u>     | Ь_   |          | _        | Ш        |
|   | 118               |          |  | L  |          |              |  |          | <u> </u> |          |
|   | 119               |          |  |  | L        |              |  |          | L        | Ш        |
| L_  | 120               | L        |  |  |          |              |  |          |          |          |
|   | 121<br>122        |          |  |  |          |              |  |          | L_       |          |
|   | 122               |          |  |  |          |              |  |          |          |          |
|   | 123               |          |  |  |          |              |  |          |          |          |
|   | 124<br>125<br>126 |          |  |  |          |              |  |          |          |          |
|   | 125               |          |  |  |          |              |  |          |          |          |
|   | 126               |          |  |  |          |              |  |          |          |          |
|   | 127               |          |  |  |          |              |  |          |          |          |
|   | 127<br>128        |          |  |  |          |              |  |          |          |          |
|   | 129               |          |  |  |          |              |  |          |          |          |
|   | 130<br>131        |          |  |  |          |              |  |          |          |          |
| $\Box$  | 131               |          |  |  |          |              |  |          |          |          |
|   | 132               |          |  |  |          |              |  |          |          |          |
|   | 133               |          |  |  |          |              |  |          |          |          |
|   | 134               |          |  |  |          |              |  |          |          |          |
|   | 135               |          |  |  |          |              |  |          |          |          |
|   | 136               |          | l  | Г  |          |              | -  |          |          |          |
|   | 137               |          |  |  |          |              |  |          |          |          |
|   | 138               |          |  |  |          |              |  |          |          |          |
|   | 139               | П        |  |  |          | Г            | Г  |          | Г        |          |
|   | 140               |          |  | Г  |          | Г            |  |          | Г        |          |
|   | 141               | Г        | Γ  | Г  |          | Γ            |  |          |          | П        |
|   | 142               | Γ.       |  | Г  |          |              |  |          | Г        | П        |
|   | 143               |          |  | $\Box$   |          |              |  | _        |          | П        |
|   | 144               |          |  | <u> </u>   |          |              | _  |          |          | М        |
|   | 145               | $\vdash$ | Т  | $\vdash$   |          | Т            | $\vdash$   |          | Г        | П        |
|   | 146               | $\vdash$ | -  | Ι  | 1        | ┢            | H  | $\vdash$ | Н        | H        |
|   | 147               |          |  | <del>                                     </del> |          | $\vdash$     | $\vdash$   | Н        |          | Н        |
|   | 148               | $\vdash$ | <del>                                     </del> | $\vdash$   | -        | $\vdash$     | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$ |
| <b>-</b>  | 149               | -        | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$ | -        | $\vdash$ |
|   | 150               | $\vdash$ | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$     | $\vdash$   | ┝        | -        | Н        |
| Щ.  | 130               | Ц        | ـــــا   | Ц  | L        | Ц            | L  |          | Ь_       |          |